

S3 canonical correlation analysis

correlation variables between genes and metabolites

	Apigenin	Apigenin 7-O-glucoside	Apigenin 7-O-glucuronide	Scutellarein	Scutellarin
CHI	0.895161	0.104695	0.719105	-0.04064	0.642144
CHS	0.890584	0.320717	0.858888	0.182944	0.795143
F3H	0.478821	0.18417	0.347396	0.308098	0.366921
FNS	-0.10956	0.140314	-0.23944	0.501047	-0.19698

canonical correlation analysis

canonical correlation variables (between U and V)	0.916
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correlation variables between genes and U

CHI	0.86
CHS	0.949
F3H	0.363
FSN	0.325

correlation variables between compounds and V

Apigenin-7-glucuronide	0.279
Scutellarin	0.199
Apigenin	-0.4
Scutellarein	0.714
Apigenin-7-glucoside	0.695